

CLAIMS

1. A latex for dip forming characterized in that the latex comprises a copolymer prepared by copolymerizing 10 to 90% by weight of a conjugated diene monomer, 0.1 to 20% by weight of an ethylenically unsaturated acid monomer and 10 to 89.9% by weight of other ethylenically unsaturated monomer or monomers copolymerizable therewith, wherein the sum of the amount of acid groups bonded to or adsorbed on the surface of the copolymer constituting the latex and the amount of acid groups present in the aqueous phase of the copolymer latex is in the range of 0.1 to 2 milli-equivalent in terms of hydrochloric acid, per gram of the copolymer.

2. The latex for dip forming according to claim 1, wherein the ethylenically unsaturated acid monomer is an ethylenically unsaturated monocarboxylic acid monomer.

Sub A4 3. The latex for dip forming according to claim 1, wherein said other ethylenically unsaturated monomer or monomers comprises an ethylenically unsaturated nitrile monomer and/or an aromatic vinyl monomer.

4. The latex for dip forming according to claim 1, wherein the copolymer latex has chemical stability index values satisfying the following formulae (1):

$$1.5\% \leq CS_2, \text{ and } CS_1 \leq 3.0\% \quad (1)$$

5. The latex for dip forming according to claim 1, which contains 0.1 to 3 parts by weight of an antioxidant, based on 100 parts by weight of the solid content in the copolymer latex.

6. The latex for dip forming according to claim 5, wherein the antioxidant is a phenolic antioxidant.

7. The latex for dip forming according to claim 5, wherein the antioxidant is solid at room temperature and has a melting point which is lower than the highest temperature to which the copolymer is exposed in the course of producing a dip-formed article.

8. The latex for dip forming according to claim 5,

wherein the antioxidant has been pulverized by a high-speed bead mill.

9. A dip-formed article which is made by dip-forming the latex as claimed in claim 1.

10. A thin-gage glove which is made by dip-forming the latex as claimed in claim 1.

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